



exxel engineering, inc.
planners • engineers • surveyors

December 16, 2015

Mr. Dan Carlton
Georgetown Township
1515 Baldwin Street
P.O. Box 769
Jenison, MI 49429-0769

Re: Cedar Lake Drive – Lift Station Removal
Final Pay Request – Cost sharing

Dear Dan:

Cedar Valley Associates, Inc. has completed the work on this project and is entitled to a payment in full at this time. This payment request is based on the "as-built" quantities listed on the enclosed items list.

Summary

- TOTAL TO DATE	\$302,777.41
- Less Previous Payments	\$176,847.19
- GRAND TOTAL TO DATE - Final Due	\$125,930.22

592-000-154.000

\$ 121,159.47

We recommend you pay Cedar Valley Associates, Inc. the Grand Total to Date, or \$125,930.22, at this time.

There are three (3) items that varied from the original approved agreement.

- Item #6, Cross Country Sewer, additional silt fence was required by the OCWRC during construction, adding \$690.00.
- Item #4(a), Cedar Lake Drive Sewer Items, 1½" Bituminous top course, OCRC required a small additional area to be resurfaced based on the existing condition of the roadway near the lift station, adding \$491.40.
- Item #5, Cedar Lake Drive Sewer Items - Replace existing concrete drives, due to depth of sanitary trench and dewatering configuration, 3 driveway approaches on the south side were required to be replaced, adding \$4,770.75.

If you have any questions, please feel free to call.

Sincerely,

Todd R. Stuive, P.E.
tstuive@exxelengineering.com

Enclosures

cc: Ms. Denise Decker, Cedar Valley Associates, Inc.
Q101349E – (Sec. 3-6-13)

CEDAR LAKE DRIVE LIFT STATION REMOVAL

Cost Sharing Proposal

Final Pay Request 12/16/2015

	Qty.	Unit	Contract Unit Price	Completed Quantity	Total to Date
<u>Cross Country Sewer Items</u>					
1. 10" Sanitary SDR 26	790	l.ft.	\$199.33	790	\$157,470.00
2. 4' Sanitary manhole to 10'	2	ea.	\$3,063.92	2	\$6,127.84
3. 4' Sanitary manhole over 10'	10	v.ft.	\$25.00	10	\$250.00
4. Tree clearing (40' wide +/-)	790	l.ft.	\$3.96	790	\$3,128.40
5. Restoration over sewer	790	l.ft.	\$7.99	790	\$6,312.10
6. Soil erosion control (silt fence)	790	l.ft.	\$1.15	1390	\$1,598.50
Subtotal Offsite Sewer Items			\$174,196.84		\$174,886.84
<u>Cedar Lake Drive Sewer Items</u>					
1. Signage	1	L.S.	\$7,677.00	1	\$7,677.00
2. Remove existing black top	1100	s.yd.	\$2.43	1100	\$2,673.00
3. 6" Gravel base 22A (CIP)	1165	s.yd.	\$4.57	1165	\$5,324.05
4. Paving					
a) 1½" Bituminous MDOT 13A top course	1025	s.yd.	\$6.30	1103	\$6,948.90
b) 1½" Bituminous MDOT 13A leveling course	1025	s.yd.	\$6.30	1025	\$6,457.50
5. Saw-cut and replace concrete drive approach	1	LS	\$4,237.00	1	\$4,237.00
6. 24" Rolled curb & gutter	70	l.ft.	\$13.00	76	\$988.00
7. Right of way restoration	500	l.ft.	\$5.49	500	\$2,745.00
8. Replace existing storm manhole with 4' storm MH	1	ea.	\$2,511.05	1	\$2,511.05
9. Replace existing 12" storm	240	l.ft.	\$20.51	250	\$5,127.50
10. Remove 8" sanitary sewer	285	l.ft.	\$4.47	285	\$1,273.95
11. 8" Sanitary, SDR 26	225	l.ft.	\$164.06	225	\$36,913.50
12. 4' sanitary manhole to 10'	1	ea.	\$3,134.46	1	\$3,134.46
13. 4' sanitary manhole over 10'	8	v.ft.	\$25.00	8	\$200.00
14. Remove existing valve chamber	1	L.S.	\$5,300.00	1	\$5,300.00
15. Modify existing flow channels in manhole at Sta. 1 + 37	1	L.S.	\$450.00	1	\$450.00
16. Temporary pumping	1	L.S.	\$6,200.00	1	\$6,200.00
17. Reconnect existing laterals	3	ea.	\$180.00	3	\$540.00
18. Lift station decommission	1	L.S.	\$6,650.00	1	\$6,650.00
19. Irrigation repair	1	L.S.	\$1,000.00	1	\$1,000.00
Extra - Concrete Driveway replacements	3	L.S.	\$1,590.25	3	\$4,770.75
Subtotal Cedar Lake Drive Sewer Items			\$105,576.41		\$111,121.66
<u>Oversizing (based on suppliers pipe cost)</u>					
1. 8" to 10" Sanitary (SDR26)	1685	l.ft.	\$1.65	1685	\$2,780.25
Engineering and Surveying (5% of 279, 773.25)	1	L.S.	\$13,988.66	1	\$13,988.66
TOTAL TO DATE				\$302,777.41	
Less Previously Paid				-\$176,847.19	
Grand Total to Date - Final Due				<u>\$125,930.22</u>	

CEDAR LAKE DRIVE LIFT STATION REMOVAL

Cost Sharing Proposal

Final Pay Request 12/16/2015

			Contract	As-Built Completed	Total to
	Qty.	Unit	Unit Price	Quantity	Date
<u>Cross Country Sewer Items</u>					
1. 10" Sanitary SDR 26	790	l.ft.	\$199.33	790	\$157,470.00
2. 4' Sanitary manhole to 10'	2	ea.	\$3,063.92	2	\$6,127.84
3. 4' Sanitary manhole over 10'	10	v.ft.	\$25.00	10	\$250.00
4. Tree clearing (40' wide +/-)	790	l.ft.	\$3.96	790	\$3,128.40
5. Restoration over sewer	790	l.ft.	\$7.99	790	\$6,312.10
6. Soil erosion control (silt fence)	790	l.ft.	\$1.15	1390	\$1,598.50
Subtotal Offsite Sewer Items			\$174,196.84		\$174,886.84
<u>Cedar Lake Drive Sewer Items</u>					
1. Signage	1	L.S.	\$7,677.00	1	\$7,677.00
2. Remove existing black top	1100	s.yd.	\$2.43	1100	\$2,673.00
3. 6" Gravel base 22A (CIP)	1165	s.yd.	\$4.57	1165	\$5,324.05
4. Paving					
a) 1½" Bituminous MDOT 13A top course	1025	s.yd.	\$6.30	1103	\$6,948.90
b) 1½" Bituminous MDOT 13A leveling course	1025	s.yd.	\$6.30	1025	\$6,457.50
5. Saw-cut and replace concrete drive approach	1	LS	\$4,237.00	1	\$4,237.00
6. 24" Rolled curb & gutter	70	l.ft.	\$13.00	76	\$988.00
7. Right of way restoration	500	l.ft.	\$5.49	500	\$2,745.00
8. Replace existing storm manhole with 4' storm MH	1	ea.	\$2,511.05	1	\$2,511.05
9. Replace existing 12" storm	240	l.ft.	\$20.51	250	\$5,127.50
10. Remove 8" sanitary sewer	285	l.ft.	\$4.47	285	\$1,273.95
11. 8" Sanitary, SDR 26	225	l.ft.	\$164.06	225	\$36,913.50
12. 4' sanitary manhole to 10'	1	ea.	\$3,134.46	1	\$3,134.46
13. 4' sanitary manhole over 10'	8	v.ft.	\$25.00	8	\$200.00
14. Remove existing valve chamber	1	L.S.	\$5,300.00	1	\$5,300.00
15. Modify existing flow channels in manhole at Sta. 1 + 37	1	L.S.	\$450.00	1	\$450.00
16. Temporary pumping	1	L.S.	\$6,200.00	1	\$6,200.00
17. Reconnect existing laterals	3	ea.	\$180.00	3	\$540.00
18. Lift station decommission	1	L.S.	\$6,650.00	1	\$6,650.00
19. Irrigation repair	1	L.S.	\$1,000.00	1	\$1,000.00
Extra - Concrete Driveway replacements	3	L.S.	\$1,590.25	3	\$4,770.75
Subtotal Cedar Lake Drive Sewer Items			\$105,576.41		\$111,121.66
<u>Oversizing (based on suppliers pipe cost)</u>					
1. 8" to 10" Sanitary (SDR26)	1685	l.ft.	\$1.65	1685	\$2,780.25
Engineering and Surveying (5% of 279, 773.25)	1	L.S.	\$13,988.66	1	\$13,988.66
TOTAL TO DATE				\$302,777.41	
Less Previously Paid				-\$176,847.19	
Grand Total to Date - Final Due				<u>\$125,930.22</u>	

COPY

Cedar Lake Drive Lift Station Removal

Cost Sharing Proposal

Proposal

Cedar Valley Associates will include the sewer project in with the Phase #12 Plat. The project will have a competitive bid, which should yield the best possible pricing.

Cedar Valley Associates (CVA)

(CVA) will pay for the Fillmore street open cut and connection to the manhole and the first 350 feet of offsite sewer, less over-sizing. This is equal to the expense that would be incurred if CVA tied into the sewer in Fillmore directly north of the proposed cul-de-sac.

Georgetown Township

The township will pay the following:

Balance of the offsite sanitary to Fillmore west of the proposed roadway. Allowance for over-sizing from 8" to 10" sewer pipe. Reconstruction of the 8" sewer for Cedar Lake Drive from the lift station to Norman Drive, including roadway and storm sewer restoration as necessary. Decommissioning and removal of the lift station. 5% engineering fees based on the cost of off-site sewer and Cedar Lake Drive items only. Cost will be based on low bid contract amounts with final payment made upon acceptance of the sewer into service.

Township costs are computed based on low bid amounts.

<u>Offsite Sewer Items</u>	<u>Qty</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Amount</u>
1. 10" Sanitary sewer, SDR 26	790	l.ft.	199.33	\$157,470.00
2. 4' Sanitary manhole (to 10' depth)	2	ea.	3063.92	\$6,127.84
3. 4' Sanitary manhole (over 10' depth)	10	l.ft.	25.00	\$250.00
4. Tree clearing (40' wide +/-)	790	l.ft.	3.96	\$3,128.40
5. Restoration over sewer	790	l.ft.	7.99	\$6,312.10
6. Soil erosion control (silt fence)	790	l.ft.	1.15	\$908.50
Subtotal				\$174,196.84

Cedar Lake Drive Sewer

1. Signage	1	L.S.	7,677	\$7,677.00
2. Remove existing black top	1100	s.yd	2.43	\$2,673.00
3. 6" gravel base 22A (CIP)	1165	s.yd	4.57	\$5,324.05
4. Paving				
a. 1 1/2 " Bit. MDOT 13A top course	1025	s.yd	6.30	\$6,457.50
b. 1 1/2 " Bit. MDOT 13A leveling course	1025	s.yd	6.30	\$6,457.50
5. Saw-cut, replace concrete drive approach	1	L.S.	4,237	\$4,237.00
6. 24" rolled curb & gutter	70	l.ft.	13.00	\$910.00
7. Right of way restoration	500	l.ft.	5.49	\$2,745.00
8. Replace existing storm MH w/4' storm MH	1	ea.	2,511.05	\$2,511.05
9. Replace existing 12" storm	240	l.ft.	20.51	\$4,922.40
10. Remove 8" sanitary sewer	285	l.ft.	4.47	\$1,273.95
11. 8" sanitary, SDR 26	225	l.ft.	164.06	\$36,913.50
12. 4' sanitary manhole to 10'	1	ea.	3,134.46	\$3,134.46
13. 4' sanitary manhole over 10'	8	v.ft.	25.00	\$200.00

14. Remove existing valve chamber	1	L.S.	5,300	\$5,300.00
15. Modify existing flow channels in manhole at Sta. 1+37	1	L.S.	450.00	\$450.00
16. Temporary pumping	1	L.S.	6,200	\$6,200.00
17. Reconnect existing laterals	3	ea.	180.00	\$540.00
18. Lift station decommission	1	L.S.	6,650	\$6,650.00
19. Irrigation repair budget	1	L.S.	1,000	\$1,000.00
Subtotal				<u>\$105,576.41</u>

Over sizing (based on suppliers pipe cost)

8" to 10" sanitary (SDR26)	1685	l.ft.	1.65	\$2,780.25
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Engineering and Surveying	5% of \$ 279,773.25 =	\$13,988.66
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Total =	<u>\$296,542.16</u>
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Note: Engineering fees include topographical survey and design for off-site and existing Cedar Lake Drive sewer, MDEQ permit application and fees, easement preparation, construction permitting, construction staking, inspections, and "As-Builts".



exxel engineering, inc.
planners • engineers • surveyors

September 2, 2015

Mr. Dan Carlton
Georgetown Township
1515 Baldwin Street
P.O. Box 769
Jenison, MI 49429-0769

COPY

Re: Cedar Lake Drive – Lift Station Removal
Partial Pay Request – Cost sharing

Dear Dan:

Cedar Valley Associates, Inc. has completed work on this project and is requesting a partial payment at this time. This payment request is based on the quantities listed on the enclosed items list. There will be a second and final payment request at the completion of the project based on "as-built" measurements at that time.

Summary

- TOTAL TO DATE

\$176,847.19

We recommend you pay Cedar Valley Associates, Inc. the Total to Date, or **\$176,847.19**, at this time. Also enclosed for your reference, is the approved cost sharing agreement and the contractor's pay request identifying the work that has been completed to date on the project.

If you have any questions, please feel free to call.

Sincerely,

Todd R. Stuive, P.E.
tstuive@exxelengineering.com

Enclosures

cc: Ms. Denise Decker, Cedar Valley Associates, Inc.

TRS/sv
Q101349E – (Sec. 3-6-13)

CEDAR LAKE DRIVE LIFT STATION REMOVAL
Cost Sharing Proposal

Partial Pay Request

9/3/2015

	Qty.	Unit	Contract Unit Price	Completed Quantity	Total to Date
<u>Cross Country Sewer Items</u>					
1. 10" Sanitary SDR 26	790	l.ft.	\$199.33	790	\$157,470.00
2. 4' Sanitary manhole to 10'	2	ea.	\$3,063.92	2	\$6,127.84
3. 4' Sanitary manhole over 10'	10	v.ft.	\$25.00	10	\$250.00
4. Tree clearing (40' wide +/-)	790	l.ft.	\$3.96	790	\$3,128.40
5. Restoration over sewer	790	l.ft.	\$7.99	0	\$0.00
6. Soil erosion control (silt fence)	790	l.ft.	\$1.15	790	\$908.50
Subtotal Offsite Sewer Items			\$174,196.84		\$167,884.74
<u>Cedar Lake Drive Sewer Items</u>					
1. Signage	1	L.S.	\$7,677.00	0	\$0.00
2. Remove existing black top	1100	s.yd.	\$2.43	0	\$0.00
3. 6" Gravel base 22A (CIP)	1165	s.yd.	\$4.57	0	\$0.00
4. Paving					
a) 1½" Bituminous MDOT 13A top course	1025	s.yd.	\$6.30	0	\$0.00
b) 1½" Bituminous MDOT 13A leveling course	1025	s.yd.	\$6.30	0	\$0.00
5. Saw-cut and replace concrete drive approach	1	LS	\$4,237.00	0	\$0.00
6. 24" Rolled curb & gutter	70	l.ft.	\$13.00	0	\$0.00
7. Right of way restoration	500	l.ft.	\$5.49	0	\$0.00
8. Replace existing storm manhole with 4' storm MH	1	ea.	\$2,511.05	0	\$0.00
9. Replace existing 12" storm	240	l.ft.	\$20.51	0	\$0.00
10. Remove 8" sanitary sewer	285	l.ft.	\$4.47	0	\$0.00
11. 8" Sanitary, SDR 26	225	l.ft.	\$164.06	0	\$0.00
12. 4' sanitary manhole to 10'	1	ea.	\$3,134.46	0	\$0.00
13. 4' sanitary manhole over 10'	8	v.ft.	\$25.00	0	\$0.00
14. Remove existing valve chamber	1	L.S.	\$5,300.00	0	\$0.00
15. Modify existing flow channels in manhole at Sta. 1 + 37	1	L.S.	\$450.00	0	\$0.00
16. Temporary pumping	1	L.S.	\$6,200.00	0	\$0.00
17. Reconnect existing laterals	3	ea.	\$180.00	0	\$0.00
18. Lift station decommission	1	L.S.	\$6,650.00	0	\$0.00
19. Irrigation repair	1	L.S.	\$1,000.00	0	\$0.00
Subtotal Cedar Lake Drive Sewer Items			\$105,576.41		\$0.00
<u>Oversizing (based on suppliers pipe cost)</u>					
1. 8" to 10" Sanitary (SDR26)	1685	l.ft.	\$1.65	345	\$569.25
Engineering and Surveying (5% of 279, 773.25)	1	L.S.	\$13,988.66	0.60	\$8,393.20

GRAND TOTAL TO DATE

\$176,847.19



December 3, 2015

Ms. Denise Decker
Cedar Valley Associates, Inc.
8879 – 24th Avenue
Jenison, MI 49428

COPY

Re: Cedar Lake No. 12
Partial Payment No. 4

Dear Denise:

West Michigan Dirtworks has completed work on this project and is entitled to a partial payment at this time. This payment request is based on the quantities listed on the enclosed items list. Quantities will be adjusted at the completion of the project based on "as-built" measurements at that time.

Summary

GRAND TOTAL TO DATE	\$1,194,582.14
95% of GRAND TOTAL TO DATE	\$1,134,853.65
Previous Payment	<u>\$1,062,570.87</u>
BALANCE DUE	\$72,282.16

We recommend you pay West Michigan Dirtworks 95% of the Grand Total to Date, or **\$72,282.16**, at this time.

If you have any questions, please feel free to call.

Sincerely,

Al Talsma

Enclosure

cc: Rob Lyttle, West Michigan Dirtworks

Q101349E – (Sec. 3-6-13)

CEDAR LAKE No. 12

Partial Pay Request No. 4

12/3/2015

<u>Improvement Items</u>	<u>Qty.</u>	<u>Unit</u>	<u>Contract Unit Price</u>	<u>Completed Quantity</u>	<u>Total to Date</u>
1. Tree clearing	2.3	ac.	\$4,110.00	2.3	\$9,453.00
2. Brush clearing	3	ac.	\$1,500.00	3	\$4,500.00
3. Top soil stripping	14,420	c.yd.	\$2.63	14420	\$37,924.60
4. Haul off & dispose of existing dirt pile	12960	c.yd.	\$6.10	3300	\$20,130.00
5. Site grading (Based on cut)	21410	c.yd.	\$2.37	21410	\$50,741.70
6. Paving					
a) 1½" Bituminous MDOT 13A top course	5235	s.yd.	\$6.30	0	\$0.00
b) 1½" Bituminous MDOT 13A leveling course	5235	s.yd.	\$6.30	5235	\$32,980.50
7. 6" Gravel 22A (CIP)	5965	s.yd.	\$4.71	5965	\$28,095.15
8. 24" Rolled curb & gutter	255	l.ft.	\$13.00	249	\$3,237.00
9. Topsoil respread	14420	c.yd.	\$2.97	14420	\$42,812.98
10. Seeding (200 lbs. per acre)	11	ac.	\$425.68	0	\$0.00
11. Saw-cut roadway & restore pavement (Victor Ave.)	1	L.S.	\$4,657.00	1	\$4,657.00
12. Private utility crossing					
a) 4" Sch. 40 grey electrical conduit	1050	l.ft.	\$3.50	720	\$2,520.00
b) Excavate trench for utility crossing	350	l.ft.	\$3.00	240	\$720.00
13. Place wooden guard post	14	ea.	\$110.00	0	\$0.00
14. 5' Concrete sidewalk	315	l.ft.	\$13.75	0	\$0.00
15. Soil Erosion control					
a) Silt fence	635	l.ft.	\$1.15	220	\$253.00
b) Silt sack	6	ea.	\$75.00	6	\$450.00
16. Concrete driveway approach at #9119 Victor Ave.	1	LS	\$1,590.25	0	\$0.00
Subtotal Improvement Items			\$344,565.66		\$238,474.93

Storm Sewer Items

1. Remove 12" storm, Norman Drive	40	l.ft.	\$9.63	40	\$385.20
2. 36" Storm Sewer (C-76-III) Premium Joint	364	l.ft.	\$85.73	364	\$31,205.72
3. 36" Storm Sewer (C-76-III)	54	l.ft.	\$59.87	54	\$3,232.98
4. 36" Storm Sewer (SLCPP)	78	l.ft.	\$49.55	78	\$3,864.90
5. 30" Storm Sewer (C-76-III) Premium Joint	332	l.ft.	\$65.18	332	\$21,639.76
6. 30" Storm Sewer (C-76-III)	14	l.ft.	\$61.80	14	\$865.20
7. 30" Storm Sewer (SLCPP)	636	l.ft.	\$50.57	636	\$32,162.52
8. 18" Storm Sewer (SLCPP)	281	l.ft.	\$55.38	281	\$15,561.78
9. 15" Storm Sewer (C-76-III)	98	l.ft.	\$32.78	98	\$3,212.44
10. 12" Storm Sewer (C-76-III) Premium Joint	159	l.ft.	\$28.37	159	\$4,510.83
11. 12" Storm Sewer (C-76-III)	65	l.ft.	\$36.04	65	\$2,342.60
12. 12" Storm Sewer (SLCPP)	211	l.ft.	\$20.10	211	\$4,241.10

CEDAR LAKE No. 12

Pay Request

Page 2

			Contract	Completed	Total to
<u>Storm Sewer Items - cont.</u>	Qty.	Unit	Unit Price	Quantity	Date
13. 12" Catchbasin lead (C-76-IV)	138	l.ft.	\$30.65	138	\$4,229.70
14. 6" FDL PVC Schedule 40	660	l.ft.	\$12.39	660	\$8,177.40
15. 36" Concrete Flared End Section	1	ea.	\$1,882.90	1	\$1,882.90
16. 15" Concrete Flared End Section	1	ea.	\$565.00	1	\$565.00
17. 6"-8" Cobbles over Fabric	35	s.yd.	\$55.00	35	\$1,925.00
18. 6' Storm yard drain	2	ea.	\$3,909.39	2	\$7,818.78
19. 5' Storm yard drain	4	ea.	\$3,268.79	4	\$13,075.16
20. 4' Storm yard drain	5	ea.	\$2,277.69	5	\$11,388.45
21. 5' Storm manhole	2	ea.	\$3,292.94	2	\$6,585.88
22. 4' Storm manhole	3	ea.	\$2,197.09	3	\$6,591.27
23. 5' Catchbasin	1	ea.	\$3,496.58	1	\$3,496.58
24. 4' Catchbasin (Double)	5	ea.	\$2,648.44	5	\$13,242.20
25. 4' Catchbasin (Single)	1	ea.	\$3,262.22	1	\$3,262.22
26. 4' Leaching Basin	1	ea.	\$3,346.69	1	\$3,346.69
27. 6" x 6" Wye	1	ea.	\$26.68	1	\$26.68
28. 30" x 6" Tee	1	ea.	\$106.00	1	\$106.00
29. 18" x 6" Tee	1	ea.	\$225.00	1	\$225.00
30. 6" x 6" Tee	2	ea.	\$31.80	2	\$63.60
31. Flap gate	1	ea.	\$350.00	1	\$350.00
Subtotal Storm Sewer Items			\$209,583.54		\$209,583.54

Sanitary Sewer Items

1. 10" Sanitary SDR 26	1355	l.ft.	\$170.93	1355	\$231,610.15
2. 8" Sanitary SDR 26	245	l.ft.	\$36.97	245	\$9,057.65
3. 6" Sanitary lateral	1150	l.ft.	\$14.50	1150	\$16,675.00
4. Sanitary manhole to 10'	8	ea.	\$3,584.29	8	\$28,674.32
5. Sanitary manhole over 10'	90	v.ft.	\$25.00	90	\$2,250.00
6. 8" x 6" Wye	25	ea.	\$47.70	25	\$1,192.50
7. Property line riser	23	ea.	\$60.93	23	\$1,401.39
8. Main line riser	230	v.ft.	\$16.99	230	\$3,907.70
Subtotal Sanitary Sewer Items			\$294,768.71		\$294,768.71

Watermain Items

1. 8" Watermain C-900	1590	l.ft.	\$29.11	1590	\$46,284.90
2. 8" Valve and box	5	ea.	\$1,196.24	5	\$5,981.20
3. 8" x 8" Tee	2	ea.	\$417.64	2	\$835.28
4. 8" x 6" Tee	2	ea.	\$351.64	2	\$703.28

CEDAR LAKE No. 12

Pay Request

Page 3

<u>Watermain Items</u>	Qty.	Unit	Contract Unit Price	Completed Quantity	Total to Date
5. 8" x 6" Reducer	3	ea.	\$197.16	3	\$591.48
6. 8" Plug	1	ea.	\$154.76	0	\$0.00
7. 8" Sleeve	4	ea.	\$243.80	4	\$975.20
8. 6" Valve and box	4	ea.	\$892.13	4	\$3,568.52
9. 5" Hydrant with hookup	4	ea.	\$2,087.22	4	\$8,348.88
10. 6" Swivel 90° Bend	2	ea.	\$276.66	2	\$553.32
11. 1" Corporation curb stop & box with saddles	20	ea.	\$317.12	20	\$6,342.40
12. 1" Copper water service	730	l.ft.	\$13.69	730	\$9,993.70
Subtotal Watermain Items			\$84,332.92		\$84,178.16

Cross Country Sewer Items

1. Signage	1	L.S.	\$2,950.00	1	\$2,950.00
2. 10" Sanitary SDR 26	1135	l.ft.	\$199.33	1135	\$226,239.55
3. 4' Sanitary manhole to 10'	2	ea.	\$3,063.92	2	\$6,127.84
4. 4' Sanitary manhole over 10'	11	v.ft.	\$25.00	11	\$275.00
5. Tree clearing (40' wide +/-)	1135	l.ft.	\$3.96	1135	\$4,494.60
6. Restoration over sewer	1135	l.ft.	\$7.99	1135	\$9,068.65
7. Soil erosion control (silt fence)	800	l.ft.	\$1.15	1390	\$1,598.50
8. Saw-cut roadway & restore pavement (Fillmore St.)	1	LS	\$5,201.00	1	\$5,201.00
Subtotal Cross Country Sewer Items			\$255,276.64		\$255,955.14

Existing Cedar Lake Drive Items

1. Signage	1	L.S.	\$7,677.00	1	\$7,677.00
2. Remove existing black top	1100	s.yd.	\$2.43	1100	\$2,673.00
3. 6" Gravel base 22A (CIP)	1165	s.yd.	\$4.57	1165	\$5,324.05
4. Paving					
a) 1½" Bituminous MDOT 13A top course	1025	s.yd.	\$6.30	1103	\$6,948.90
b) 1½" Bituminous MDOT 13A leveling course	1025	s.yd.	\$6.30	1025	\$6,457.50
5. Saw-cut and replace concrete drive approach	1	LS	\$4,237.00	1	\$4,237.00
6. 24" Rolled curb & gutter	70	l.ft.	\$13.00	76	\$988.00
7. Right of way restoration	500	l.ft.	\$5.49	500	\$2,745.00
8. Replace existing storm manhole with 4' storm MH	1	ea.	\$2,511.05	1	\$2,511.05
9. Replace existing 12" storm	250	l.ft.	\$20.51	250	\$5,127.50
10. Remove 8" sanitary sewer	285	l.ft.	\$4.47	285	\$1,273.95
11. 8" Sanitary, SDR 26	225	l.ft.	\$164.06	225	\$36,913.50
12. 4' sanitary manhole to 10'	1	ea.	\$3,134.46	1	\$3,134.46

CEDAR LAKE No. 12

Pay Request

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<u>Existing Cedar Lake Drive Items - cont.</u>	<u>Qty.</u>	<u>Unit</u>	<u>Contract Unit Price</u>	<u>Completed Quantity</u>	<u>Total to Date</u>
13. 4' sanitary manhole over 10'	8	v.ft.	\$25.00	8	\$200.00
14. Remove existing valve chamber	1	L.S.	\$5,300.00	1	\$5,300.00
15. Modify existing flow channels in manhole at Sta. 1 + 37	1	L.S.	\$450.00	1	\$450.00
16. Temporary pumping	1	L.S.	\$6,200.00	1	\$6,200.00
17. Reconnect existing laterals	3	ea.	\$180.00	3	\$540.00
18. Lift station decommission	1	L.S.	\$6,650.00	1	\$6,650.00
19. Irrigation repair	1	L.S.	\$1,000.00	1	\$1,000.00
Subtotal Existing Cedar Lake Drive Items			\$105,781.51		\$106,350.91

GRAND TOTAL**\$1,189,311.39**

Additions to Contract:

1. Remove & replace conc. drive approaches along existing Cedar Lake Drive. (Needed to remove to access sanitary trench due to depth of sanitary long Cedar Lake Drive.	3.00	L.S.	\$1,590.25	3	\$4,770.75
2. Removal of stumps & junk buried on Lots 187 & 188	1.00	L.S.	\$500.00	1	\$500.00
					\$5,270.75

Total including Additions**\$1,194,582.14**

95%	=	\$1,134,853.03
Less Prev.	=	<u>-\$1,062,570.87</u>
Bal. Due	=	\$72,282.16